

Application No. 09/939,599
Reply to Office Action of April 10, 2006



IN THE CLAIMS

Please amend the claims as follows:

Claims 1-9 (Canceled).

Claim 10 (New): A lubricating oil for compression-type refrigerators, comprising, as a main component, a polyoxyalkyleneglycol derivative having the formula $\text{CH}_3-(\text{OC}_3\text{H}_6)_m-\text{OCH}_3$, where m is an integer of 1 to 80, wherein the polyoxyalkyleneglycol derivative has a kinematic viscosity of 2 to 24 cSt at 100°C.

Claim 11 (New): A refrigerant composition comprising the lubricating oil according to claim 10 and a hydrogen-containing fluorocarbon as a refrigerant.

Claim 12 (New): A method for effecting lubrication in compression-type refrigerators using a refrigerant, said method comprising employing, as a lubricant, a lubricating oil comprising, as a main component, a polyoxyalkyleneglycol derivative having the formula $\text{CH}_3-(\text{OC}_3\text{H}_6)_m-\text{OCH}_3$, where m is an integer of 1 to 80, wherein the polyoxyalkyleneglycol derivative has a kinematic viscosity of 2 to 24 cSt at 100°C.

Claim 13 (New): A method for effecting lubrication in compression-type refrigerators according to claim 12, wherein the refrigerant is hydrogen-containing fluorocarbon.

Claim 14 (New): A compression-type refrigerator system which comprises a compressor, a refrigerant, and a lubricant, said lubricant comprising the lubricating oil according to claim 10.

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Claim 15 (New): A compression-type refrigerator system according to claim 14,
wherein the refrigerant comprises a hydrogen-containing fluorocarbon compound.